

### All Phases

**PPTRB** = Pitch Power Trim Rudder Bank

**TWTW** = Terrain Weather Traffic Wildlife

**CRCLCA** = Clear Right Clear Left Clear Avionics

**GUMPS/F** = Gas (Pump) Undercarriage Mixture Propeller Switches Flaps

Unable Unfamiliar Uncomfortable... Vectors please

Taxi: Climb into wind, dive away from

**If the engine stops in 10 seconds what is the plan?**

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### Takeoff

FPL, Altimeters, Desired Heading, Desired Altitude

Angle plane to see final approach, look & listen

**GUMPS/F...ALL IN, If the engine quits pitch down**

Smooth: Vr -> Vy

Short: Brakes Vr -> Vx -> Vy

Soft: Keep moving...Protect the nose...ASAP to ground effect Vx -> Vy

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### Enroute

ATIS/AWOS, Brief, Pitot heat

**Build** = PROC, Twist, Nav Ident, SBAS, Baro min, VOR Check, BRG1, BRG2

Engine health checks

Where are we now? Where to next? How low can we go? How high?

**Checklist** = CDI Source, Twist, APR or NAV+ALT, GUMPS, 7 Clicks

**Speed Height Heading** (refresh bug) **Modes** **Talk** (Timer)

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### Landing

Consider low approach for wind check/surface check

**GUMPS/F**

Flaps in white arc

**Go Around Ready** = Partial flaps, ready to go around before last moment

**Speed Height Center Nose**

Transition eyes...expect floating...Keep crosswind corrections

Runway Made: Power down nose down

Smooth/Soft: Centerline slow flight...ease out power

Short: When wheels touch, yoke back & flaps up

Go Around: **ALL IN...Flaps in stages**

Touch/Stop and Go: Zero Flaps...All In

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### No Radio

7600 (76 radio needs a fix)

Altitude: **Minimum Expected Assigned Route: Assigned Vectored Expected Filed**

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### Spin Recovery

Power idle **A**ileron neutral **R**udder opposite (one that fights) **E**levator forward

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### Engine Out

**Airspeed** = pitch up to glide speed

**Best** = flattest, safest

**Checklist** = **T**anks, **P**ump, **M**ix, **M**aster, **M**ags

**Declare** = Freq you know you can reach someone, **7700** (77 heaven), **911**

**Mayday Mayday Mayday Who Where What**

**Execute** = **D**oors, **S**pirals, **S** Turns, **S**lips, **F**laps